

AMENDMENT TO THE CLAIMS

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)
12. (Currently Amended) A computer storage medium having instructions comprising a framework for validating data in a database system, the instructions comprising:
identifying at least one property of an entity to be validated;
identifying constraint information to be used for ascertaining if said at least one property is valid; and
forming an object of said at least one property, wherein identifying constraint information

comprises referencing a reference stored within the object, the reference being indicative of the constraint information which is stored outside of the object itself, and wherein the constraint information is referenced within a property validator object that is separate from both the object, and also separate from the entity to be validated; and

..... applying the constraint information so as to ascertain validity of said at least one property, wherein identifying constraint information comprises identifying criteria of when a value of the property can be changed, wherein the criteria identifies that the value can be changed as a function of a status value of another property, wherein the status value comprises whether said another property is changeable, and wherein the status value comprises whether said another property is valid.

13. (Previously Presented) The computer storage medium of claim 12 and further comprising identifying a validator of a function of a type of said at least one property, the validator being of a class of validators.

14. (Previously Presented) The computer storage medium of claim 12 and further comprising identifying events to be issued during validation.

15. (Previously Presented) The computer storage medium of claim 14 wherein an event to be issued comprises a notification that a value of the property is changing.

16. (Previously Presented) The computer storage medium of claim 14 wherein an event to be issued comprises a notification that a value of the property has changed.

17. (Previously Presented) The computer storage medium of claim 14 wherein an event to be issued comprises a status of the property has changed.

18. (Previously Presented) The computer storage medium of claim 17 wherein the status comprises whether the value of the property is changeable.

19. (Previously Presented) The computer storage medium of claim 18 wherein the status comprises whether the value of the property is valid.

20. (Previously Presented) The computer storage medium of claim 12 wherein identifying constraint information comprises identifying valid criteria for a value of the property.

21. (Cancelled)

22. (Currently Amended) The computer storage medium of claim 2412 wherein the criteria identifies that the value can be changed anytime upon execution of the instructions.

23. (Currently Amended) The computer storage medium of claim 2412 wherein the criteria identifies that the value can be changed as a function of creation of a corresponding entity.

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)